

WHAT IS CLAIMED IS:

1. A method for using a protected document, comprising:
receiving a document usage request for using the protected document
in a session;
5 authenticating the protected document;
authorizing usage of the protected document;
creating a session key for the session;
issuing a proxy key that delegates decryption to the session;
rendering the protected document;
10 performing proxy transformation on the rendered document using the
proxy key; and
decrypting the proxy transformed document using the session key.
2. The method for using a protected document of claim 1, further
comprising:
15 retrieving terms and conditions of the session;
retrieving usage parameters and system resource information for the
session; and
comparing the retrieved usage parameters and system resources and the
retrieved terms and conditions, wherein the authorized usage is based on comparison
20 results of the retrieved usage parameters and system resources and the retrieved terms
and conditions.
3. The method for using a protected document of claim 2, wherein the
retrieved terms and conditions are associated with at least one of identification of the
protected document and usage type.
- 25 4. The method for using a protected document of claim 1, wherein the
document usage request contains at least one of document identification, usage type,
and user identification.
5. The method for using a protected document of claim 1, wherein
authenticating the protected document comprises at least one of:
30 checking a digital signature associated with the protected document;
and
verifying integrity of each component of the protected document.

6. A usage authorization system for using a protected document, comprising:

a request receiving device that receives a document usage request for using the protected document in a session;

5 a document processing device that authenticates the protected document;

a document source that authorizes usage of the protected document, and issues a proxy key that delegates decryption to the session;

10 an access device that, along with the document device, creates a session key for the session,

wherein the document processing device renders the protected document, performs proxy transformation on the rendered document using the proxy keys, and decrypts the proxy transformed document using the session key.

15 7. The usage authorization system for using a protected document of claim 6, wherein the document source retrieves terms and conditions of the session, retrieves usage parameters and system resource information for the session, and compares the retrieved usage parameters and system resources and the retrieved terms and conditions, the authorized usage being based on comparison results of the
20 retrieved usage parameters and system resources and the retrieved terms and conditions.

8. The usage authorization system for using a protected document of claim 7, wherein the retrieved terms and conditions are associated with at least one of identification of the protected document and usage type.

25 9. The usage authorization system for using a protected document of claim 6, wherein the document usage request contains at least one of document identification, usage type, and user identification.

10. The usage authorization system for using a protected document of claim 6, wherein the document processing device authenticates the protected document by at least one of:

30 checking a digital signature associated with the protected document;
and

verifying integrity of each component of the protected document.